

Converting Colors

CIELCh(88, 4.013, 70.368)

Have a look what the booklet for
CIELCh(88, 4.013, 70.368) contains.

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Color

CIELCh(88, 4.013, 70.368)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCD6
RGB	227, 220, 214
RGB Percent	89%, 86%, 84%
CMY	0.1114, 0.1389, 0.1624
CMYK	0.00, 0.03, 0.06, 0.11
HSL	28°, 19%, 86%
HSV	28°, 6%, 89%
XYZ	69.1158, 72.0653, 73.6086
YIQ	221.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

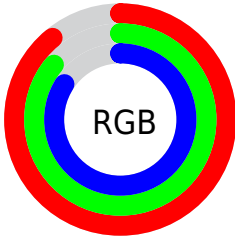
Format	Color
R _Y B	227, 225, 214
Decimal	14933206
CIE Lab	88.00, 1.35, 3.78
CIE LCh	88, 4.013, 70.368
Yxy	72.0653, 0.3218, 0.3355
Android (android.graphics.Color)	4293123286 (0xFFE3DCD6)
YUV	221.4090, -3.6526, 4.9033
Hunter-Lab	84.8913, -3.2307, 8.0139

Details

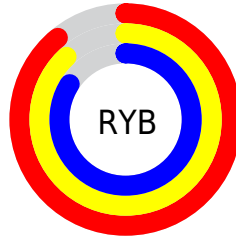
The CIELCh color **88, 4.013, 70.368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 3.957, 251.981**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 4.246, 70.196** is the 20% darker color. If you saturate the color by 10%, you get **84, 11.314, 69.301**, and if you desaturate by 10%, it is **92, 2.924, 251.819**.

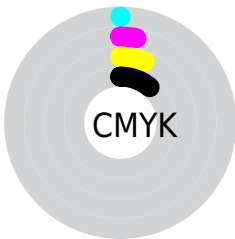
Distribution



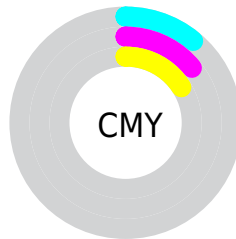
- Red (89%)
- Green (86%)
- Blue (84%)



- Red (89%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.013, 70.368 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 88, 4.013, 70.368 by changing the saturation by 10% instead.

■ 88, 4.013, 70.368

■ 88, 4.013, 70.368

■ 100, 4.013, 70.368

■ 78, 4.013, 70.368

■ 68, 4.013, 70.368

■ 58, 4.013, 70.368

■ 48, 4.013, 70.368

■ 38, 4.013, 70.368

■ 28, 4.013, 70.368

■ 18, 4.013, 70.368

■ 8, 4.013, 70.368

■ 0, 4.013, 70.368

88, 4.013, 70.368

88, 4.013, 70.368

84, 11.314, 69.301

92, 2.924, 251.819

81, 19.012, 68.137

95, 8.085, 243.731

77, 27.131, 66.968

98, 9.651, 198.864

74, 35.675, 65.802

71, 44.596, 64.636

68, 53.747, 63.436

65, 62.788, 62.113

62, 71.025, 60.465

59, 77.330, 58.121

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



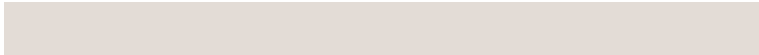
88, 4.013, 70.368



88, 3.957, 251.981

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



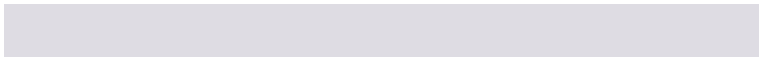
88, 4.013, 70.368



88, 4.013, 120.368



88, 4.013, 250.368



88, 4.013, 300.368

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88, 4.014, 70.403



99, 1.521, 70.631



87, 6.028, 341.433



53, 0.864, 70.626



0, 0.000, 0.000



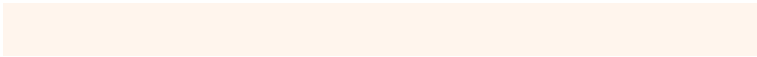
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 4.014, 70.403



97, 5.411, 70.271



90, 6.395, 107.518



46, 3.170, 70.218



46, 65.579, 57.705



11, 19.693, 55.964

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88, 3.957, 251.981



97, 5.308, 252.130



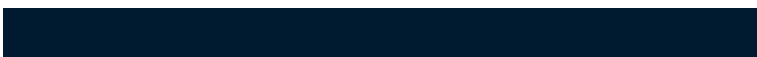
86, 6.485, 288.714



45, 3.104, 252.190



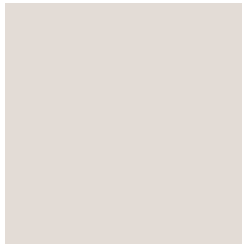
40, 50.441, 279.879



9, 17.793, 270.274

Previews

White Background



This preview shows how the CIELCh color 88, 4.013, 70.368 looks on a white background.

Color Contrast Check

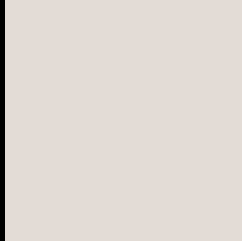
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 4.013, 70.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

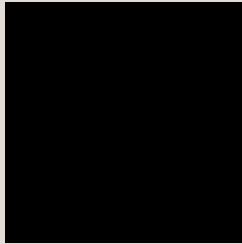
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

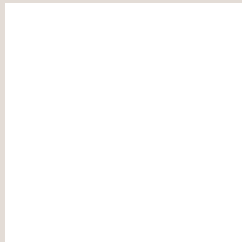
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.013, 70.368

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.013, 70.368.

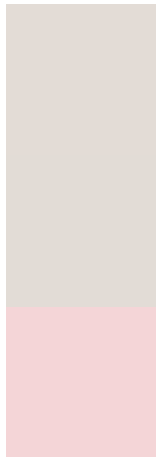


This preview shows how white text looks on a background with the CIELCh color 88, 4.013, 70.368.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88, 4.013, 70.368

Protanopia

88, 3.792, 74.669

Deuteranopia

88, 11.480, 15.030



Tritanopia
88, 10.051, 318.036

Trichromacy



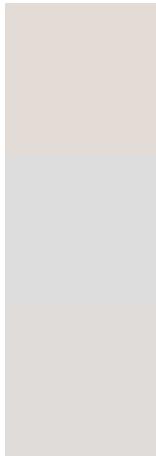
Original Color
88, 4.013, 70.368

Protanomaly
88, 3.792, 74.669

Deuteranomaly
88, 8.478, 23.459

Tritanomaly
88, 6.164, 330.140

Monochromacy



Original Color
88, 4.013, 70.368

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.489, 63.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.013, 70.368 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 220, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.013, 70.368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 220, 214) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(227, 220, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(227, 220, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.013, 70.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
220, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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